



PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>FEE TRANSMITTAL for FY 2005</b>		<i>Complete if Known</i>																																																																																																																																																																				
Effective 12/08/2004. Fees pursuant to the Consolidated Appropriations Act. 2005 (H.R. 4818).		Application Number	10/721,088																																																																																																																																																																			
TOTAL AMOUNT OF PAYMENT (\$ 180.00)		Filing Date	November 26, 2003																																																																																																																																																																			
METHOD OF PAYMENT (check all that apply)		First Named Inventor	H. WATANABE																																																																																																																																																																			
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		FEE CALCULATION (continued)																																																																																																																																																																				
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 50-1417 Deposit Account Name: MATTINGLY, STANGER & MALUR, P.C.		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge – late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge – late provisional filing fee or cover sheet</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>1081</td> <td>250</td> <td>2081</td> <td>125</td> <td>Utility Application Size fee – for each 50 over 100</td> </tr> <tr> <td>1082</td> <td>250</td> <td>2082</td> <td>125</td> <td>Design Application Size fee – for each 50 over 100</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> </tr> <tr> <td>1804</td> 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<td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>1809</td> <td>790</td> <td>2809</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>1810</td> <td>790</td> <td>2810</td> <td>395</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>1801</td> <td>790</td> <td>2801</td> <td>395</td> <td>Request for Continued Examination (RCE)</td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application.</td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1) \$ 0.00</td> <td colspan="2" style="text-align: right;">SUBTOTAL (3) (\$ 180.00)</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge – late filing fee or oath	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	1053	130	1053	130	Non-English specification	1081	250	2081	125	Utility Application Size fee – for each 50 over 100	1082	250	2082	125	Design Application Size fee – for each 50 over 100	1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	1804	920*	1804	920*	Requesting publication of SIR prior to Examination action	1805	1,840	1805	1,840*	Requesting publication of SIR after Examiner action	1251	120	2251	60	Extension for reply within first month	1252	450	2252	225	Extension for reply within second month	1253	1,020	2253	510	Extension for reply within third month	1254	1,590	2254	795	Extension for reply within fourth month	1255	2,160	2255	1,080	Extension for reply within fifth month	1401	500	2401	250	Notice of Appeal	1402	500	2402	250	Filing a brief in support of an appeal	1403	1,000	2403	500	Request for oral hearing	1451	1,510	1451	1,510	Petition to institute a public use proceeding	1452	500	2452	250	Petition to revive – unavoidable	1453	1,500	2453	750	Petition to revive – unintentional	1501	1,400	2501	700	Utility issue fee (or reissue)	1502	800	2502	400	Design issue fee	1503	1,100	2503	550	Plant issue fee	1460	130	1460	130	Petitions to the Commissioner	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	1806	180	1806	180	Submission of Information Disclosure Stmt	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	1801	790	2801	395	Request for Continued Examination (RCE)	1802	900	1802	900	Request for expedited examination of a design application.	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*or number previously paid, if greater; For Reissues, see above.																																																																																																																																																																						

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	John R. Mattingly	Registration No. (Attorney/Agent)	30,293	Telephone	(703) 684-1120
Signature	Date: October 18, 2006				

The collection of information is required by 37 CFR 1.17(q). The information is required to obtain or retain a benefit by law made available by the PTO to applicants for and patent holders and is mandatory to complete. Confidentiality is as provided in 35 U.S.C. 122 and 37 CFR 1.14. The collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the information. Estimated burden hours 0.02. This form will very likely change upon the next principal case. Any comments on the amount of time you spend to complete this form, and any suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option



ASA-817-02

OCT 18 2006

U.S. PATENT & TRADEMARK OFFICE

In re Patent Application of:

H. WATANABE et al.

Confirmation No.: 6176

Serial No. 10/721,088

Group Art Unit: 2188

Filed: November 26, 2003

Examiner: K.L. Ellis

For: STORAGE SYSTEM

Customer No.: 24956

**INFORMATION DISCLOSURE STATEMENT (IDS)**  
**UNDER § 1.97 AND § 1.98**

**MAIL STOP: ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

10/19/2006 MBERHE 00000004 10721088

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180.00 0P

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form(s) PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed for each foreign patent, for each publication or portion thereof that caused it to be listed, and for each pending unpublished U.S. application or portion thereof that caused it to be listed. No copy of a U.S. patent or U.S. patent application publication is needed unless required by the PTO. A copy of a document is also not needed when previously submitted or previously cited by the PTO in a prior application to which the present application claims a benefit under 35 U.S.C. § 120.

4. The undersigned hereby states:

(a) that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application, as indicated on the copy of the communication submitted herewith, which communication was dated not more than three months prior to the filing of this IDS.

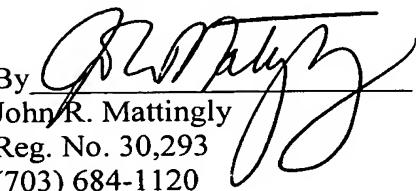
5. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

6. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

7. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By   
John R. Mattingly  
Reg. No. 30,293  
(703) 684-1120

JRM/so

Date: October 18, 2006



Sheet 1 of 1

FORM PTO-1449  
(REV. 7-80)

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
ASA-817-02

SERIAL NO.  
10/721,088

**LIST OF DOCUMENTS CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT  
H. Watanabe et al

FILING DATE  
11/26/03 GROUP  
2188

**U. S. PATENT DOCUMENTS**

* EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
AA	5,742,792	04/21/1998	Yanai et al.			
AB	5,555,371	09/10/1996	Duyanovich et al.			
AC	5,511,177	04/23/1996	Kagimasa et al.			
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
AL	0566966 A2	10/27/1993	Europe			<input type="checkbox"/>	<input type="checkbox"/>
AM	0672985 A1	09/20/1995	Europe			<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

AR		
AS		
AT		

EXAMINER DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.